

ABSTRACT OF THE DISCLOSURE

The air induction system comprises an air induction body having a mouth. A speaker and microphone are both operatively connected to the air induction body. A support connects the microphone to the air induction body. The support may be rigid and extend over only a portion of the face of the speaker. The support may also be spaced a predetermined distance from the speaker face. This distance may relate to the location of the sound field emitted by the speaker. Both the speaker and microphone are in communication with a control unit. The microphone receives sound and communicates this sound to the control unit. The control unit then generates a noise attenuation sound through the speaker.

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